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Subject: Ham-Digital Digest V94 #356
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Ham-Digital Digest Thu, 27 Oct 94 Volume 94 : Issue 356

Today's Topics:

 JNOS and KPC Data Engine?
 using passwords over packet

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Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Oct 94 21:57:00 GMT
From: steve.diggs@totrbbs.atl.ga.us (Steve Diggs)
Subject: JNOS and KPC Data Engine?

I just inherited a KPC "Data Engine" TNC, complete with 1200 and 9600
modems. This unit will be placed into service as part of the East
Atlanta LAN. Seems I've heard that there is an PROM build of JNOS that
can be loaded into this TNC.

Anyone got any experience with this approach?

Thanks,
Steve Diggs
East Atlanta LAN
<<<>>>

Top Of The Rock BBS - Lilburn, GA
UUCP: totrbbs.atl.ga.us
Phone: +1 404 921 8687

SYSOP: Steve Diggs
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Lilburn, GA 30247-7407

Date: Wed, 26 Oct 94 09:49:58 EDT
From: rapp@lmr.mv.com (Larry Rappaport)
Subject: using passwords over packet

CASSIDY@saturn.rowan.edu (Kyle Cassidy) writes:

> i'm considering setting up a packet/internet gateway at my site, but i'm
> concerned by the apparant lack of security. (i.e. if a user wants to read his
> mail over the airwaves where anybody is listening, i don't have a problem wit
> that, but i don't want anybody who is listening to then be able to log on as
> that user....) what i would like to know is:
>
> 1) is there a way to use non-echoed passwords over packet?

You could use the same system that is used in X1J and other nodes which have
a sysop command. Basically there is a LONG string entered as a password in
the software, which is also known by the user. When the user logs on, the bbs
would send a random series of numbers - say five. The user sends back the
characters pointed to by those numbers. If you change the password
regularly, it should provide sufficient security.

> and
>
> 2) is it legal?
>
> does using a non-reflected password violate the FCC rule against sending code
> messages? my feeling is that it is, but closed repeaters are allowed to use
> "secret codes" which are similar in many ways to passwords.

IANAL (thank God!); I don't know. However, this is what is being used on
TheNet, X1J and other systems right now, so it probably is legal.

73, Larry W1HJF

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Larry

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End of Ham-Digital Digest V94 #356
